



PATENT
Customer No. 22,852
Attorney Docket No. 02860.0671-00

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Hiroki UMEDA) Group Art Unit: 2871
)
Application No.: 09/819,800) Examiner: Minh Toan T. Ton
)
Filed: March 29, 2001)
)
For: OPTICAL COMPENSATION) Confirmation No.: 2635
SHEET AND LIQUID CRYSTAL)
DISPLAY)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant brings to the attention of the Examiner the documents on the attached listing. This Information Disclosure Statement is being filed before the mailing date of a first Office Action after the filing of a Request for Continued Examination.

Copies of the listed foreign documents are attached. Non-English document "Ekishou no Kagaku: quarterly publication", Kagaku Sosetsu No. 22 (1994), p. 60-72, edited by Nihon Kagakukai (Gakkai Shuppan center) is cited on page 66 of the specification of this application.

English abstracts of the Japanese Published Patent Applications are attached.
Listed issued Japanese patents correspond to listed published Japanese patent applications, for which English Abstracts are available as follows:

ISSUED PATENT	PUBLISHED APPLICATION
2,640,083	08-005837
2,641,086	07-146409
2,692,033	07-333430
2,692,035	08-027284
2,747,789	07-333433
2,767,382	07-287120

Applicant respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: June 8, 2006

By: 

Michael R. Kelly
Reg. No. 33,921

Complete if Known

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Application Number	09/819,800
				Filing Date	March 29, 2001
				First Named Inventor	Umeda
				Art Unit	2871
				Examiner Name	Minh Toan T. Ton
				Attorney Docket Number	02860.0671-00

Note: Submission of copies of U.S. Patents and published U.S. Patent Applications is not required.

FOREIGN PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁴
		Country Code ¹ Number ² Kind Code ³ (if known)				
		JP 56-66826	06-05-1981	Kuroda		Abstract
		JP 60-60624	04-08-1985	Yokoyama et al.		Abstract
		JP 62-195622	08-28-1987	Tomita et al.		Abstract
		JP 63-21381	01-28-1988	Hasegawa et al.		Abstract
		JP 63-96630	04-27-1988	Yamazoe et al.		Abstract
		JP 63-96631	04-27-1988	Yamazoe et al.		Abstract
		JP 02-196219	08-02-1990	Niino et al.		Abstract
		JP 03-83017	04-09-1991	Shimada et al.		Abstract
		JP 04-97130	03-30-1992	Yamazaki		Abstract
		JP 06-43457	02-18-1994	Fujii et al.		Abstract
		JP 07-146409	06-06-1995	Kawada et al.		Abstract
		JP 07-287120	10-31-1995	Kamata		Abstract
		JP 07-333433	12-22-1995	Nishiura		Abstract
		JP 07-333430	12-22-1995	Nakamura		Abstract
		JP 08-005837	01-12-1996	Kamata et al.		Abstract
		JP 08-15681	01-19-1996	Schadt et al.		Abstract
		JP 08-027284	01-30-1996	Kawada et al.		Abstract
		JP 2640083	05-02-1997	Kamata et al.		
		JP 2641086	05-02-1997	Kawada et al.		
		JP 2692033	09-05-1997	Nakamura		
		JP 2692035	09-05-1997	Kawada et al.		
		JP 09-281331	10-31-1997	Uchiyama et al.		Abstract
		JP 2747789	02-20-1998	Nishiura		
		JP 2767382	04-10-1998	Kamata		
		JP 10-186356	07-14-1998	Matsumoto et al.		Abstract
		JP 11-246692	09-14-1999	Takiyama		Abstract
		JP 2000-235117	08-29-2000	Ito		Abstract
Examiner Signature				Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>				Complete if Known	
				<i>Application Number</i>	09/819,800
				<i>Filing Date</i>	March 29, 2001
				<i>First Named Inventor</i>	Umeda
				<i>Art Unit</i>	2871
				<i>Examiner Name</i>	Minh Toan T. Ton
Sheet	2	of	2	<i>Attorney Docket Number</i>	02860.0671-00

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ⁷	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		"Ekishou no Kagaku: quarterly publication", Kagaku Sosetsu No. 22 (1994), p. 60-72, edited by Nihon Kagakukai (Gakkai Shuppan center).	
		S. Chandrasekhar et al., "A Thermotropic Biaxial Nematic Liquid Crystal, Mol. Cryst. Liq. Cryst., 1988, Vol. 165, pp. 123-130	
		D. Demus et al., Handbook of Liquid Crystals, Vol. 2B, Low Molecular Weight Liquid Crystals II, pgs. 933-943, published by Wiley VCH Co.	
		Y. Toko et al. "Random Orientation Method for Twisting Orientation by Adding a Chiral agent", J. Appl. Phys. A74 (3), page. 2071, (1993).	
		Polymer Preprints, Japan Vol. 47, No. 11, 1998, pages 2894-2895.	
Examiner Signature			Date Considered

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

PTO Notes regarding this form:

¹ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

² For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible.

⁴ Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**